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PHOTO INTELLIGENCE SEE CRANDUI

MIKULIN A/C PLANT
PLANT NO. *A* 300, MOSCOW

GP/I - 70

Project 71.118

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25 March, 1955

CENTRAL INTELLIGENCE AGENCY
Office of Research and Reports

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Photo Intelligence Memorandum

PLANT NO. 300, MOSCOW

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DECLASSIFICATION REVIEW BY NIMA / DoD

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(P/I-70
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Photo Intelligence Memorandum

PLANT NO. 300, MOSCOW

This memorandum is submitted in reply to a request by I/AR for information on postwar construction in the Plant No. 300 industrial complex in Moscow.

25X1D Using all referenced items listed below, an enlarged portion of aerial photography [REDACTED] of the subject area was annotated. Details of individual buildings in the complex follow, keyed by number to the enclosed annotated photo. Buildings erected since the date of the aerial photography have been carefully plotted into position, using the ground photography as a guide. These newer buildings are distinguished on the annotated photo by the cross-hatching. The ground photos were almost all exposed from the same general area, which leads to the fact that some portions of the complex were hidden from view at all times. Such details will be discussed in the following portion of this report.

No attempt has been made to determine specific usage of the individual buildings, nor to determine whether all indicated buildings actually belong to Plant No. 300.

25X1A

References:

- 25X1D a) 17 ground photos, CIA 101841 thru 101957. [REDACTED] Secret.
- b) 12 ground photos, enclosures to [REDACTED] Secret.
- 25X1D c) 12 ground photos, enclosures to [REDACTED] Secret.
- d) 22 ground photos, enclosures to [REDACTED] Secret.
- 25X1A e) AF target chart No. [REDACTED] Secret.
- 25X1D f) IR Consolidation No. 0109659, Secret.
- 25X1D g) Aerial photography, [REDACTED] Confidential.
- 25X1D h) Photographic enclosures (Secret) [REDACTED] No. 36 (Top Secret).
- i) Photographic enclosures (Secret) [REDACTED] No. 37 (Top Secret).
- j) Appendices (Secret) [REDACTED] (Top Secret).

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Building No. 1

25X1D This appears to be the building referred to in the reports as the
 25X1D "Jet Engine Testing Building", and also the one from which the jet
 engine noises emanate. The building is constructed of brick and rein-
 forced concrete. The ground size is approximately 225' by 130'. The
 four corners of the building are composed of taller structures,
 approximately 50' high, and two of which are, at the date of the
 photography, topped with sliding, tapered wooden covers, about [redacted] high
 at the outside (higher) end. Total height above ground of the corner
 structures is about [redacted]. The sliding wooden covers break into two
 parts, the smaller of which slides outward onto a metal frame out
 over the side of the building, while the remainder of the cover slides
 toward the center of the building, also along a metal girder type
 frame out over the lower center portion of the building. The tops of
 the corner structures are apparently uncovered completely when the
 wooden covers are slid back. The covers are shown clearly in several
 positions on the photography. There is a tall structure in the process
 of construction, approximately the same size as the corner structures,
 on one side of the building. The photography does not show a clear
 view of the other side of the building, so that it cannot be determined
 whether a similar structure exists on that side. Each of the corner
 structures is approximately 35' by 45', as is the new tall structure
 under construction. The center portion of the building is varying in
 height. This building did not appear on the [redacted] aerial photography.

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Building No. 2

This structure is apparently 3 stories high and of brick construction. The shed roof is almost flat. There is a tall (about 60') metal stack along-side the building. Building size is about 40' x 110'. This building did not appear on the aerial photography.

Building No. 3

25X1D This building, if it exists now, is not visible on the ground photography. The size, as measured on the [redacted] aerial coverage, is about 90' x 50'.

Building No. 4

25X1D This building, if it exists now, is not visible on the ground photography. The size, as measured on the [redacted] aerial coverage is about 225' long, 45' wide at the south end and 35' wide at the north end.

Building No. 5

This is a factory type building, only a small portion of which is visible on the ground photography. It appears on the aerial photography. The north end "T" projection is about 3 stories high, probably brick, with a flat roof, with some brick falsework. The center and south "T"

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parts seem to be 2 stories, probably brick, with saw-tooth roof made up at least in part of skylights. The overall length is about 380', south "T" width about 265' wide, center part about 90' wide, and north "T" about 180' wide. The visible portion of the building can be seen behind bldg. no. 2, in the photo with the description of that building.

Building No. 6

There are a group of three small buildings visible only on the aerial photography. The northernmost is about 100' x 20', the two southernmost about 30' x 30' and 40' x 40'.

Building No. 7

This is also visible only on the aerial coverage. There is reasonable doubt as to its present existence, as the area it occupied seems to be open on the ground photos.

Building No. 8

This is visible only on the aerial photography. Ground size is about 60' x 70'.

Building No. 9

This is a group of three buildings, visible only on the aerial photography. The ground photos do not include a clear picture of this area. The two southernmost buildings appear to be sheds about 90' by 25'. The northern building is slightly larger, about 150' by 50', with a hipped roof.

Building No. 10

This is a "T" shaped building appearing only on the aerial photography. The area does not show clearly on the ground photos. The roof of the building is hipped. The building is about 130' wide on the west end, and has a total length of about 140'.

Building No. 11

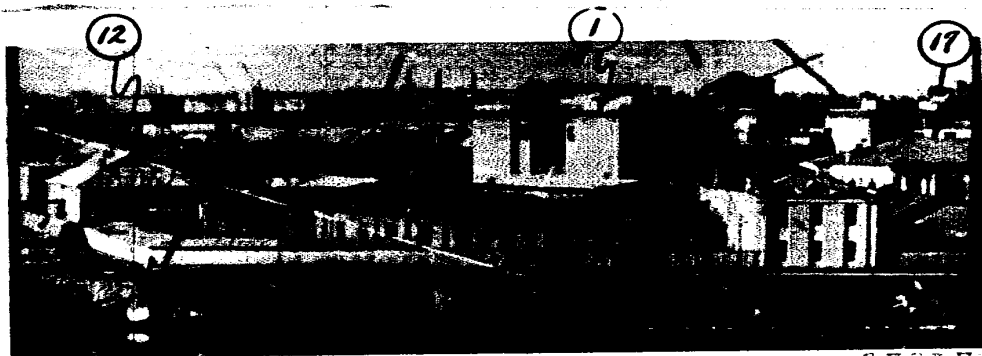
This building can be only partly seen on the ground photos, but appears on the aerial photography. It seems to be a 2-story, with an almost flat, but slightly gabled roof. It is probably of frame construction, and about 50' by 80'.

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Building No. 12

This building does not appear on the aerial photography but does show on the ground shots. It is a 2-story, hipped roof (with end gables), and probably frame building. Size is about 75' by 75'. There is a small, single story shed, about 30' by 60', behind this building. This building can be seen on the extreme left of the photo with building no. 13 description.



Building No. 13

This is the "corner building", located just north of the large sand pile and sand loading apparatus. The curved portion of the building is single story, brick, with a gable roof. The building attached at the west end is also single story, with a hipped roof, and also of brick. The building attached at the north is 2-story, cement or stucco construction, also with a hipped roof. This building is separated from the roads both parallel and perpendicular to the river, by a board fence [REDACTED]. The fence is covered over at the corner to form a sort of low, "L" shaped shed.

Building No. 14

This is visible on both the ground and aerial photography. It appears to be a frame, one story building with a gable roof. Ground size about 40' x 30'.

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Building No. 15

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This is a single story unit, apparently composed of two sheds. It is made of frame or stucco, with gable roofs. The west half is a few feet higher than the east half. Total size is about 180' by 35'. It is separated from the road parallel to the river by a [redacted] board fence. The top of this unit can be seen in the center foreground of the photo accompanying the description of building no. 17. Between bldg. no. 15 and no. 13 is a small tar paper shed, about 15' square, one story high, with a shed roof. It is separated from the road parallel to the river by a picket fence. The shed can be seen in the left foreground of the picture accompanying the description of building no. 20.

Buildings No. 16

One is apparently a shed of wooden construction, with a tin gable roof. The building is approximately 30' by 70', one story high. Another building is also a shed about 20' by 50'. There are several other small lean-to type sheds in this area of recent construction. These structures did not appear on the aerial photography.



Building No. 17

A two story concrete or stucco building, with a metal hipped roof. It also has two slight projections on either end of the front (east) side. A second floor balcony extends between the two projections. Size is approximately 110' by 110'. Several small sheds, only partially visible in the rear (west) of the building.

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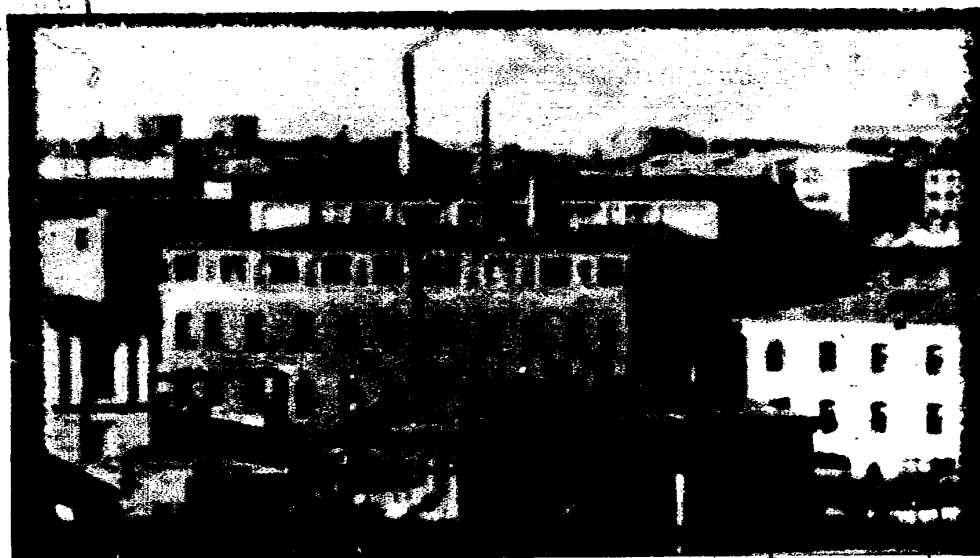
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Building No. 18

This is a one story, hipped roof, log or rough frame building. The size is about 35' by 70'. It can be seen in the center foreground of the picture with the description of building no. 20.

Buildings No. 19

This is a pair of single story, hipped roof, log or rough frame buildings. The size is about 20' by 50' each. The pair of buildings can be seen in the left center foreground of the photo accompanying the description of building no. 21. To the right, in the photo, of these buildings is a small shed or gate watchman's shack. It is about 10' square, single story.



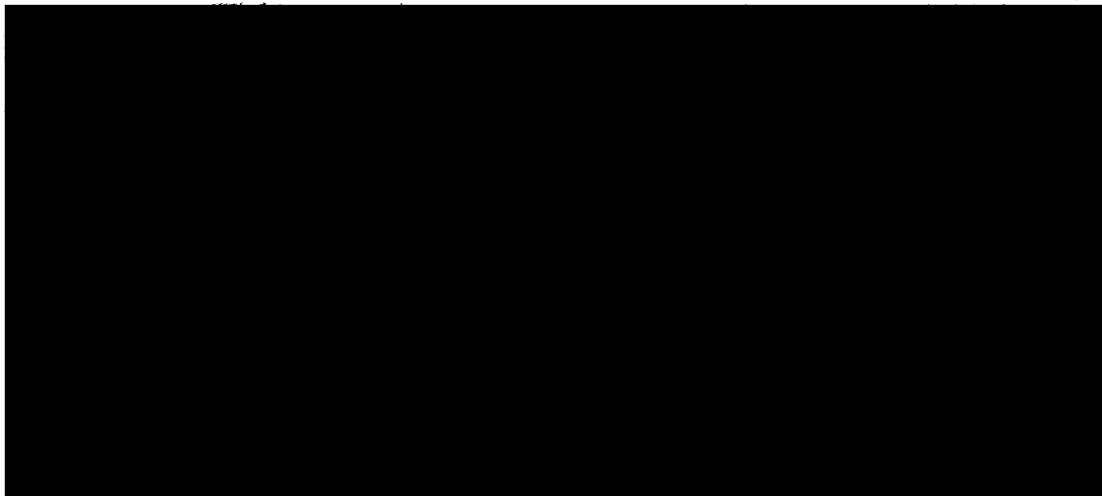
Building No. 20

This is a brick building, oriented with its long axis in an N-S direction. The south 1/3 of the building is 3-story, with a semi-hipped roof. The center 1/3 is 2-story, with a gable roof, continuing its slope to the north side of the building, at the 3-story level. There are two stacks over the south 1/3 part of the roof. They appear to be brick, and are slightly above the peak of the highest portion of the 3-story roof. Building size is approximately 60' by 120'.

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Building No. 21

This is a concrete or stucco two story building, with a hipped metal roof. The size is approximately 85' by 85'.

Building No. 22

On the aerial photograph this appears as an "L" shaped building. The east part (base of the "L") is a 2-story, probably brick, structure with a metal hipped roof. The remainder of the building is not visible on any of the ground photography. Either it is only single story and is hidden from view, or it no longer exists in the form shown on the aerial photography. The east part of the building is approximately 170' by 85', and the unsure portion is about 225' by 75'. The east part of this building can be seen on the photo accompanying the description of building no. 21.

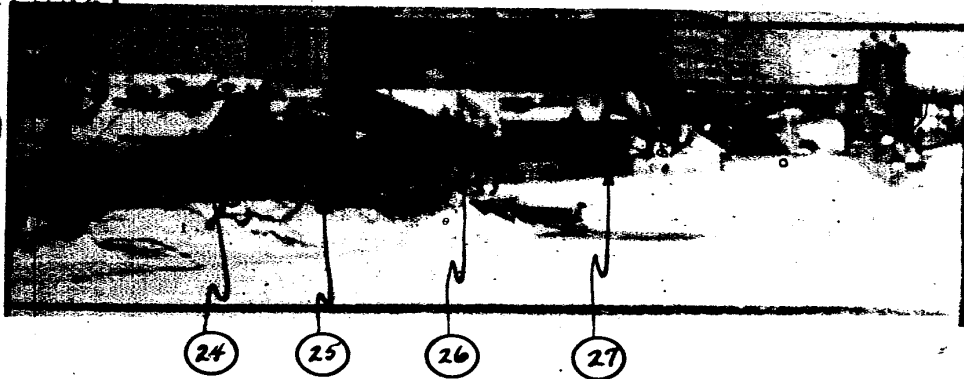
Building No. 23

This building shows on both the ground and aerial photography. The front half of the structure (east side) is two-story, hipped roof, with a three-story center portion, also hipped roofed. The back half of the building has a shed roof, sloping from two-story level to one-story level at the back. The building appears to be stucco, with a metal roof, size about 80' x 210'.

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Building No. 24

This is a factory-type building. It has a gable roof. The eastern 1/4 of the structure is two-story, and has an adjoining stack, probably masonry, about 75' tall. The next 1/4 of the building appears to be 3-stories high. The next 1/4 of the building, proceeding westward, is five stories high, with its gable roof transversed. The remaining portion (west end) is 3-stories high. Ground size is about 90' x 250'.

Building No. 25

A clear view of this building is not available on the ground photos. However, a partial view of the east end shows in one picture, and indicates that it is at least two-stories, with gable roof. Ground size, from the aerial coverage, is about 75' x 250'.

Building No. 26

This appears to be a two-story, brick, gable roof structure about 75' x 100' in size.

Building No. 27

This is a two-story, brick structure facing on the road which parallels the river bank. Size, about 35' x 65'.

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Building No. 28

This building is visible only on the aerial coverage. Its size is about 65' x 65'.

Building No. 29

Visible only partially on the aerial coverage, and not in the ground photos, the structure seems to be about 45' x 50' in size.

Building No. 30

Visible only on the aerial coverage, this building measures about 165' long, 60' wide at east end, and 75' wide at west end.

Building No. 31

This is an extremely large factory-type building. Its ground size is about 485' long, 75' wide at east end, and 85' wide at west end. The west end is visible on the ground photos, and the whole structure shows on the older aerial coverage. It appears constructed of brick, with a gable roof. See photo accompanying description of building no. 21.

Building No. 32

This is a 2-story concrete or stucco building with a metal hipped roof. The size is about 170' by 60'. This building was in the process of construction in [REDACTED]. The [REDACTED] photos (accompanying description of building no. 21) show the top floor and roof in place, which had not been completed in [REDACTED]. There is a building on this site on the aerial photography. Either this new construction is an enlargement of the original building or replaces it on approximately the same location.

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Building No. 31

This building appears both on the ground and aerial photography. It seems to be constructed of brick, with a metal gable roof. The size is about 100' by 75'. Visible on some of the ground photos, but not on the aerial, are a series of stacks dispersed in an arc arrangement about the south end of this building, apparently rising from the ground. However, the bases of the stacks are not visible. The stacks appear to be metal, about 40' high, and some have a bulge or other apparatus at the top. There seem to be 6 stacks to the south of the building, and two to the west. The building is 2 stories high. The top of the building and stacks can be seen also in the photo accompanying the description of building no. 21.

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